

IN THE CLAIMS:

1. (Original) A print ink for a plastic film, the print ink comprising:
an antistatic agent added therein.
2. (Original) A print ink for a plastic film according to claim 1, wherein the plastic film is transparent or semi-transparent, and the print ink, which is antistatic, is a gravure ink for backing up.
3. (Original) A print ink according to claim 1, further comprising:
a main component of a vehicle binder, the main component being a complex composition of two or more types of polyurethane resins.
4. (Currently Amended) A print ink for a plastic film according to claim 3, wherein said polyurethane resin is print ink comprising a mixed composition of a water dispersion type of high Tg polymer in a first range from 0°C to 40°C and a water dispersion type of low Tg polymer in a second range from -30°C to 0°C.
5. (Currently Amended) A print ink for a plastic film according to claim 4, wherein a polymeric mixed composition of said water dispersion type of high Tg polymer in said first range from 0°C to 40°C and said water dispersion type of low Tg polymer in said second range from -30°C to 0°C, further comprises:

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an ultra-high molecular weight polyvinyl pyrrolidone with molecular weight in a range from 600,000 to 1,200,000 added therein as a stabilizer.

6. (Original) A print ink for a plastic film according to claim 1, wherein said antistatic agent is added to an aqueous mixed solution of a complex polyurethane resin and polyvinyl pyrrolidone.

7. (Original) A plastic ink according to claim 6, wherein said antistatic agent is a mixed aqueous solution of a alkyldimethyl betaine acetate and an electrolytic metallic salt.

8. (Original) A plastic film and print ink combination, comprising:
a transparent or semi-transparent plastic film printed material; and
an aqueous antistatic print ink, said plastic film printed material being backed up by said aqueous antistatic print ink.

9. (Original) An print ink according to claim 1, wherein a resin component of said vehicle binder is ester-based polyurethane resin capable of being dissolved in an organic solvent.

10. (Currently Amended) A plastic ink for a plastic film according to claim 9, wherein said ester-based polyurethane resin is a mixed composition of a high Tg polymer in a first range from 0°C to 40°C and a low Tg polymer in a second range from -30°C to 0°C each based on

an organic solvent.

11. (Original) A print ink for a plastic film according to claim 10, wherein an antistatic agent including said ester-based polyurethane resin is added to an organic solvent solution for the ester-based polyurethane.

12. (Original) A print ink for a plastic film according to claim 11, wherein said antistatic agent is a mixed composition of fatty acid dimethylethyl ammonium ethosulfate and polyoxyethylene alkyl ether.

13. (Original) A transparent or semi-transparent plastic film printed material backed up with the antistatic print ink based on an organic solvent.

14. (Original) A print ink and plastic film combination, comprising:
a plastic film; and
a print ink with an antistatic agent added therein.

15. (Original) A print ink and plastic film combination according to claim 14, wherein the plastic film is transparent or semi-transparent, and the print ink, which is antistatic, is a gravure ink for backing up.

16. (Original) A print ink and plastic film combination according to claim 15, further comprising:

a main component of a vehicle binder, the main component being a complex composition of two or more types of polyurethane resins.

17. (Currently Amended) A print ink and plastic film combination according to claim 16, wherein said polyurethane resin is print ink comprising a mixed composition of a water dispersion type of high Tg polymer in a first range from 0°C to 40°C and a water dispersion type of low Tg polymer in a second range from -30°C to 0°C.

18. (Currently Amended) A print ink and plastic film combination according to claim 16, wherein a polymeric mixed composition of said water dispersion type of high Tg polymer in a first range from 0°C to 40°C and said water dispersion type of low Tg polymer in a second range from -30°C to 0°C, further comprises:

5 an ultra-high molecular weight polyvinyl pyrrolidone with molecular weight in a range from 600,000 to 1,200,000 added therein as a stabilizer.

19. (Original) A print ink and plastic film combination according to claim 14, wherein said antistatic agent is added to an aqueous mixed solution of a complex polyurethane resin and polyvinyl pyrrolidone.

20. (Original) A print ink and plastic film combination according to claim 19, wherein said antistatic agent is a mixed aqueous solution of an alkylidimethyl betaine acetate and an electrolytic metallic salt.